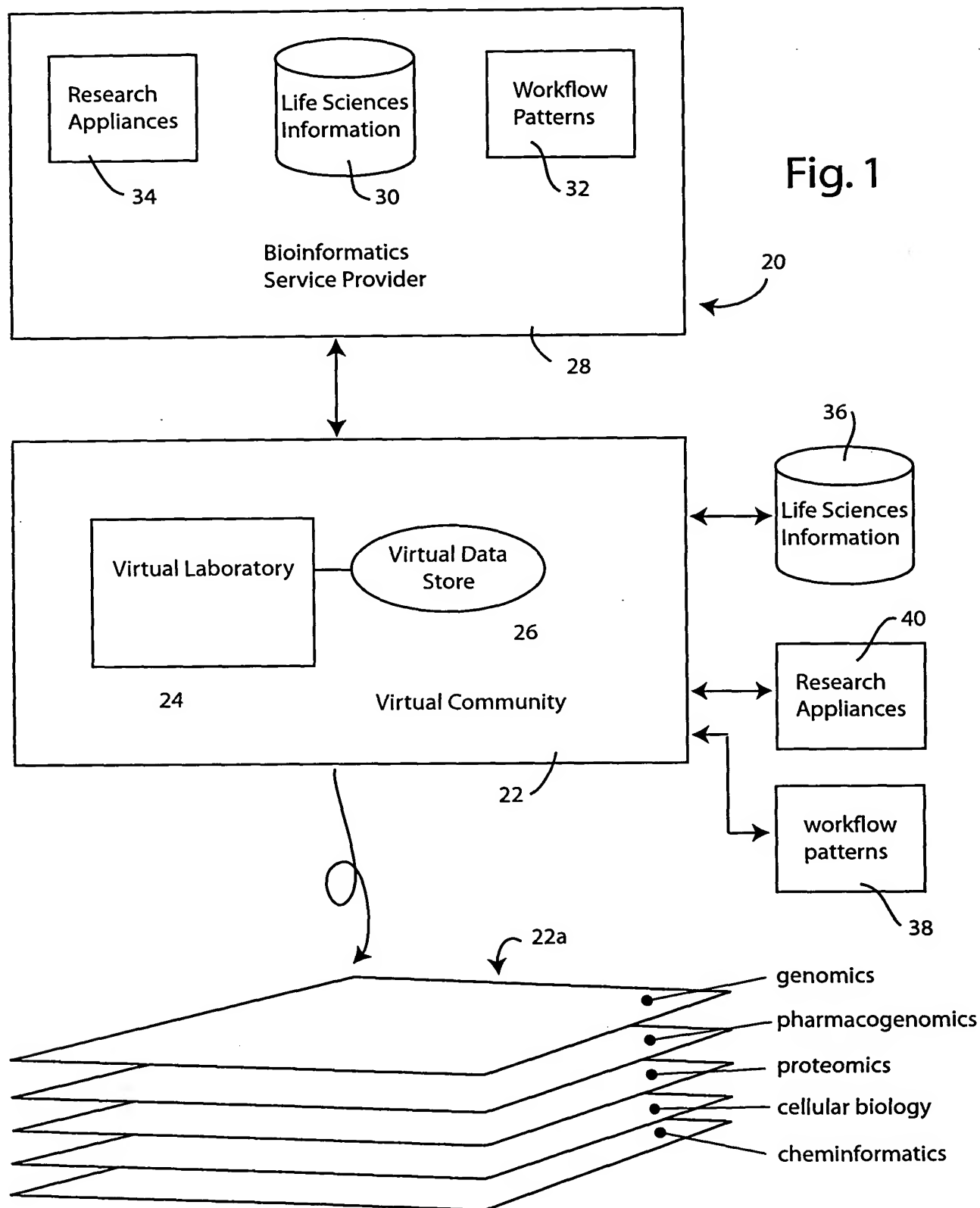


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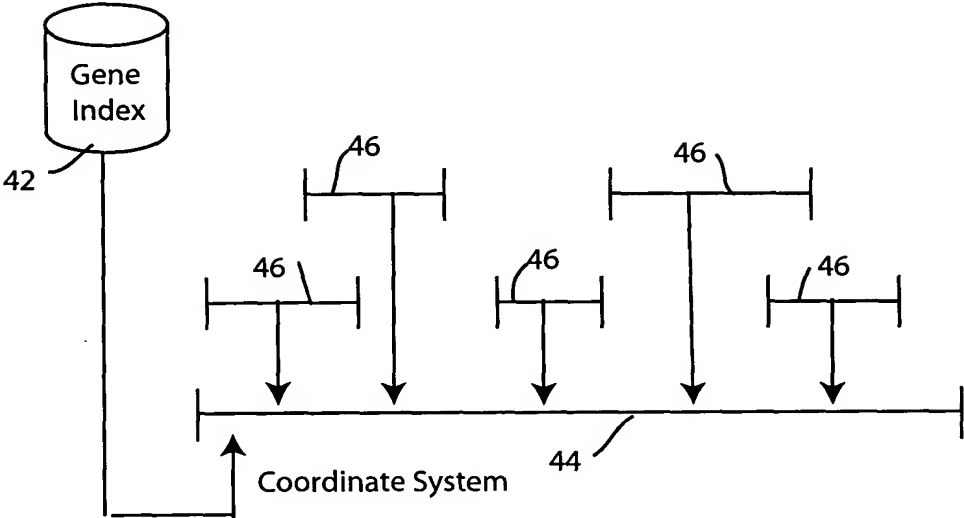


Fig. 2

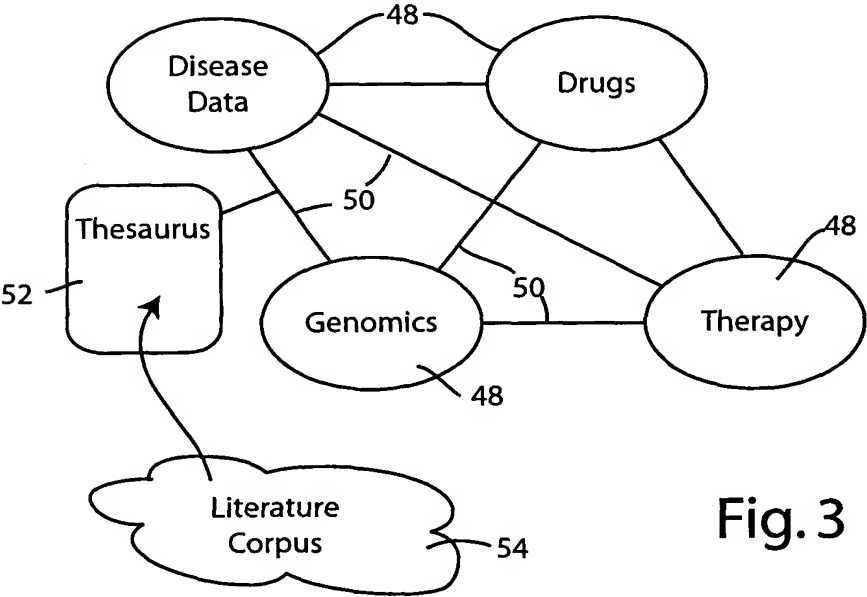


Fig. 3

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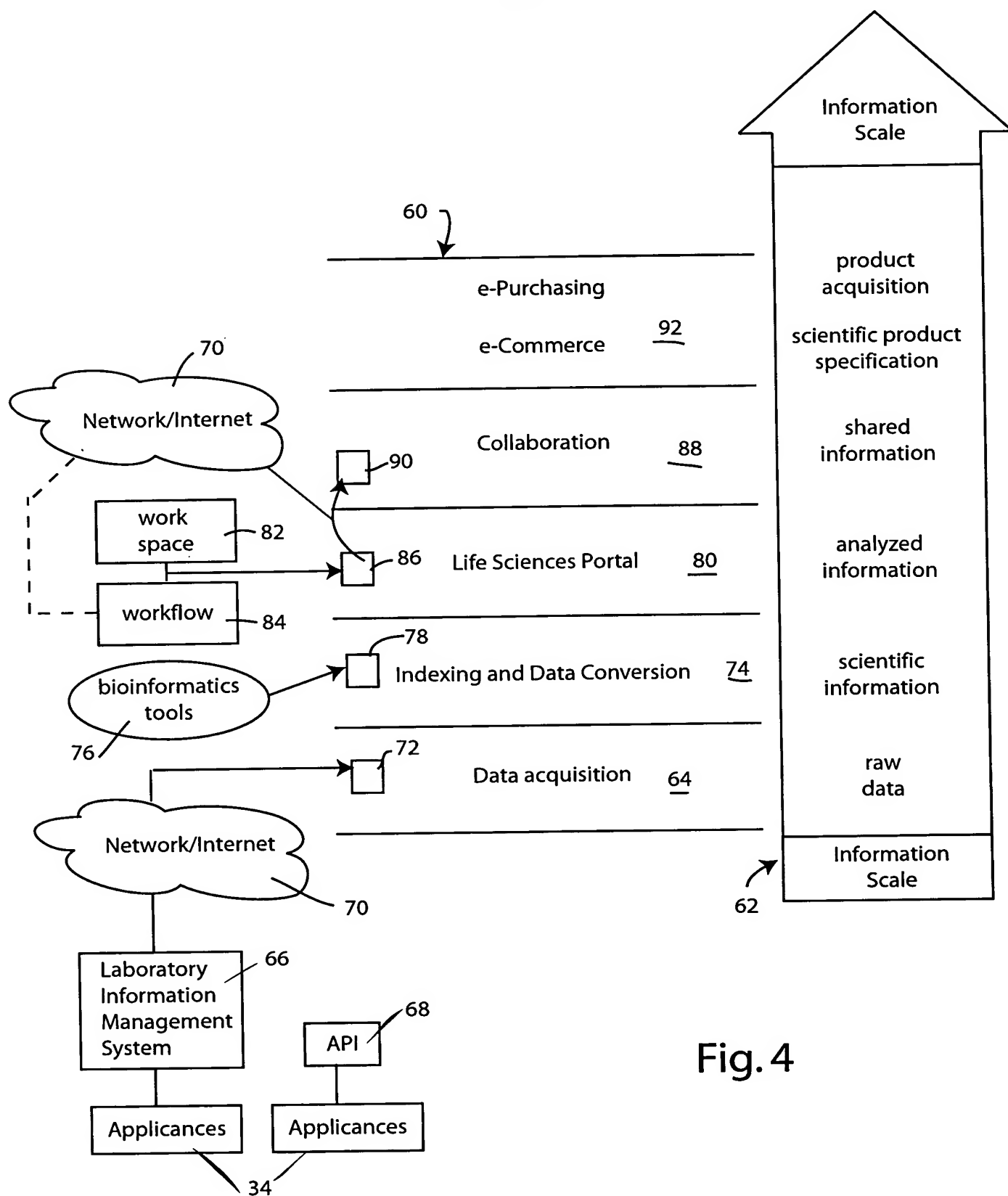


Fig. 4

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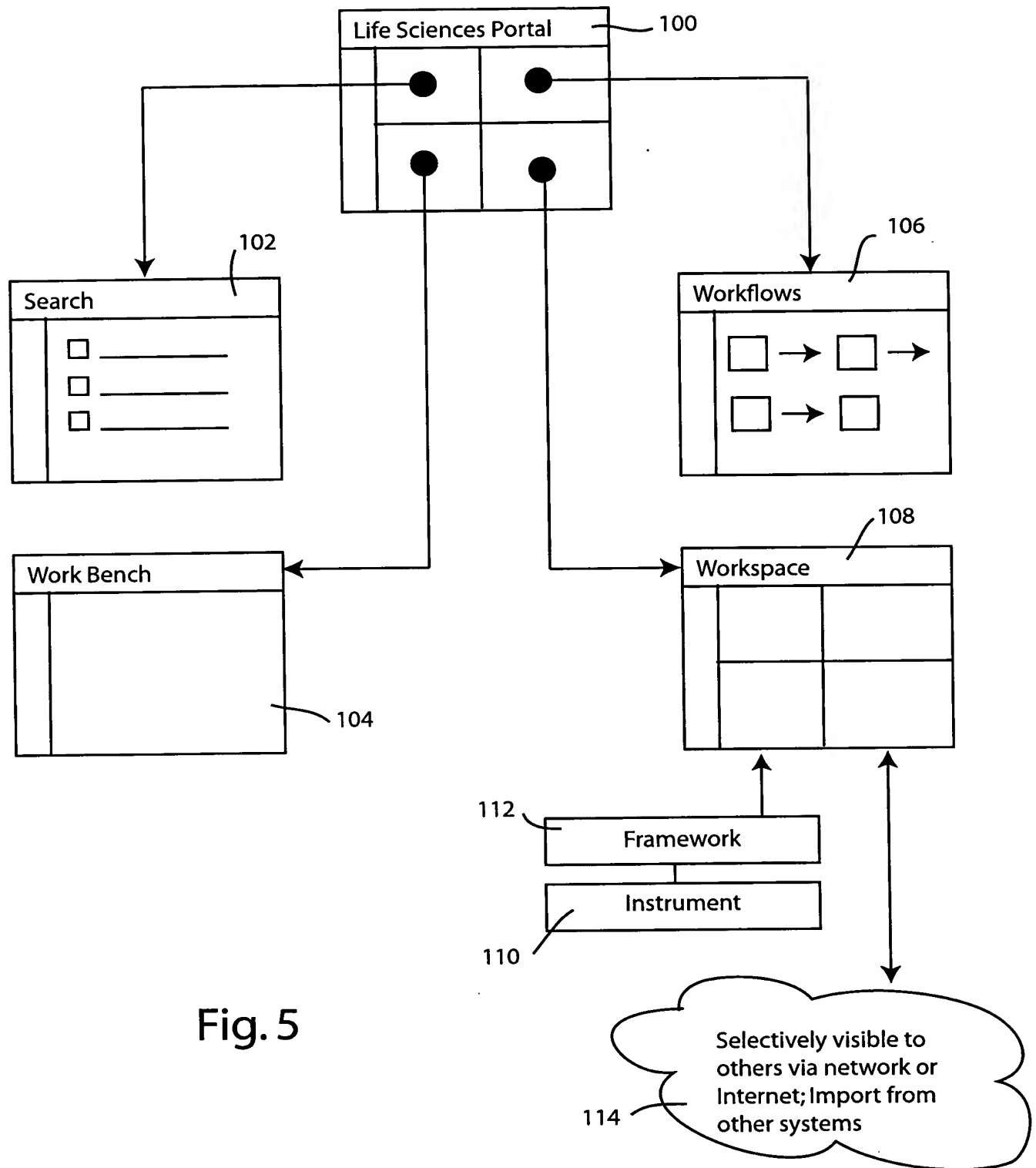


Fig. 5

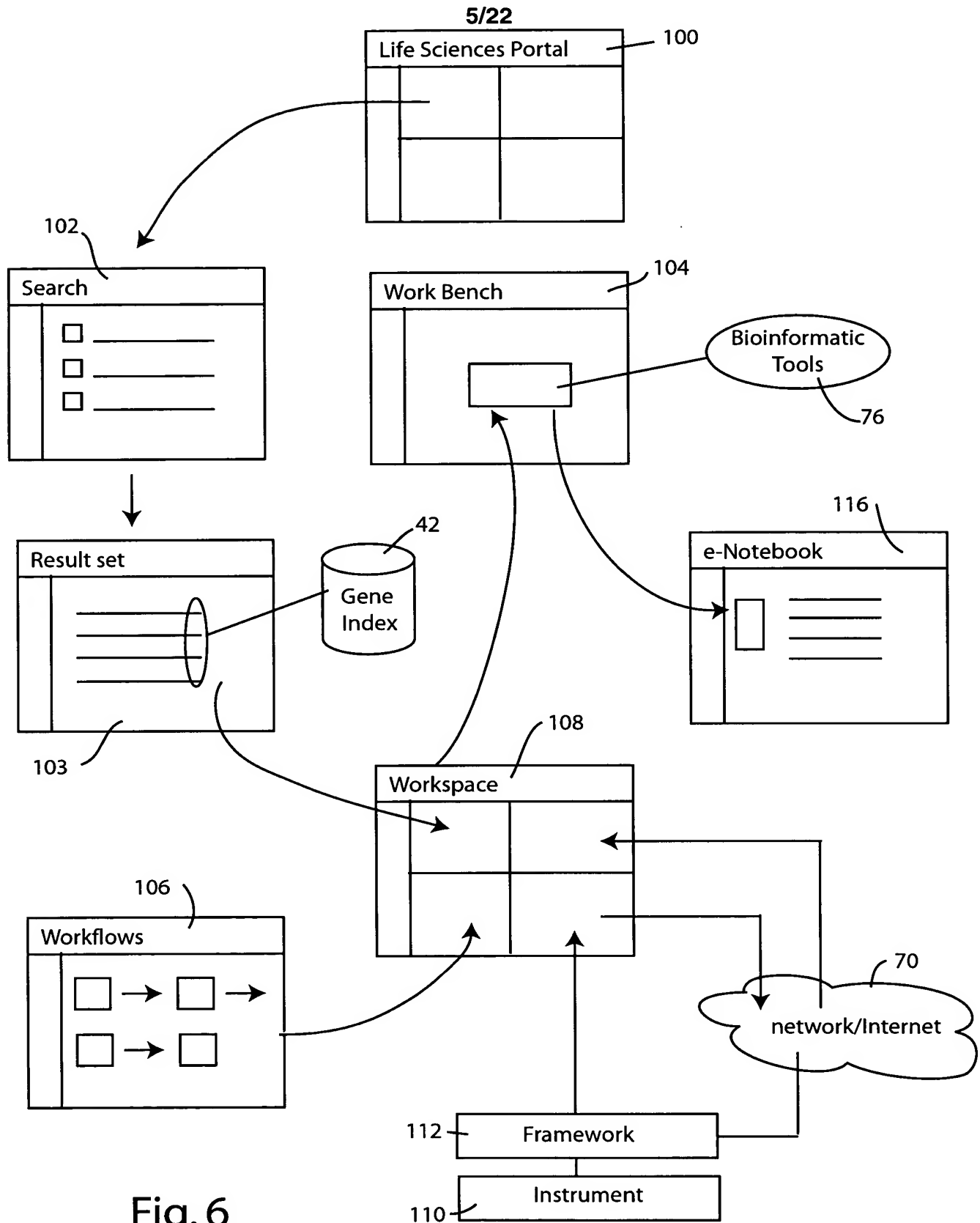


Fig. 6

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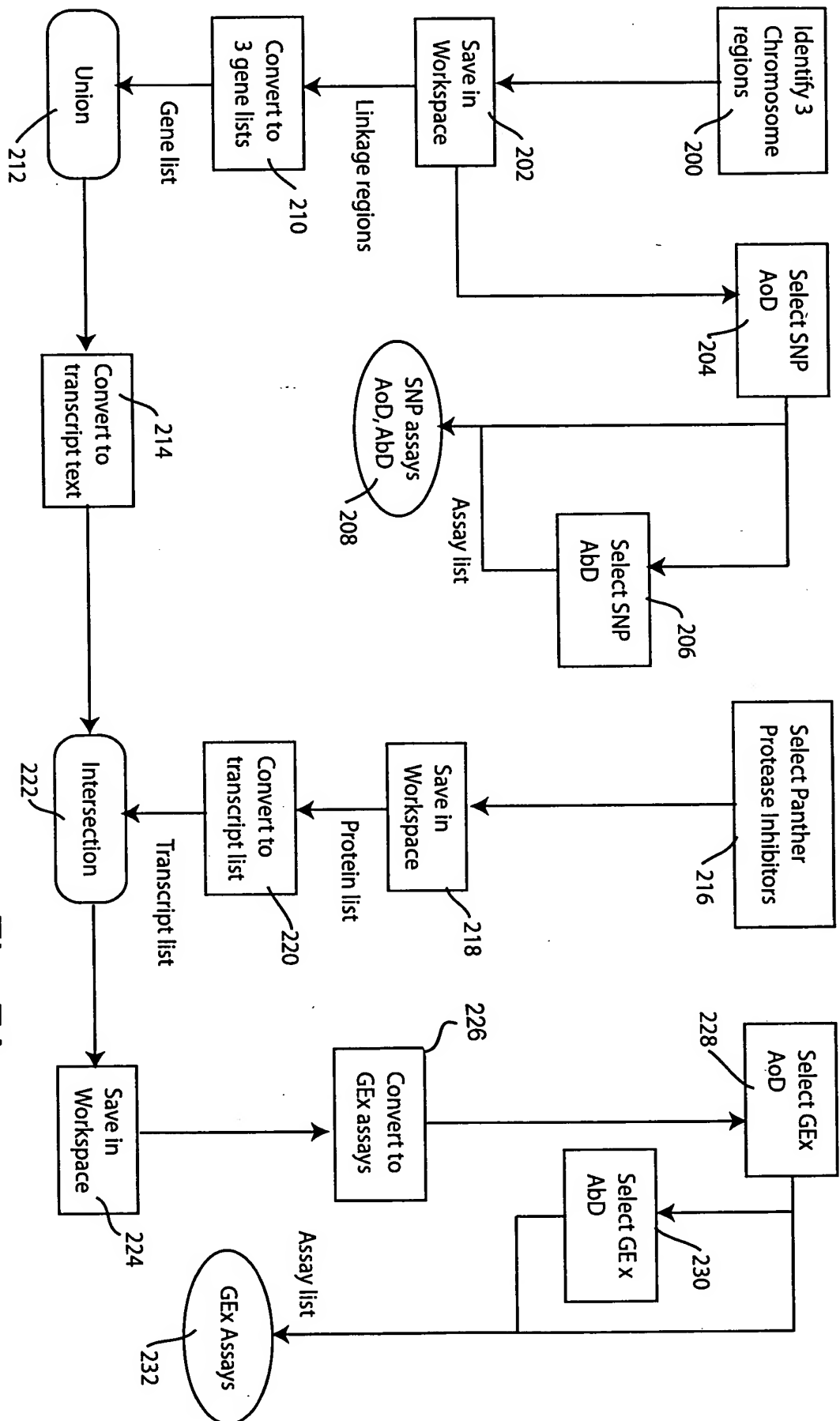


Fig. 7A

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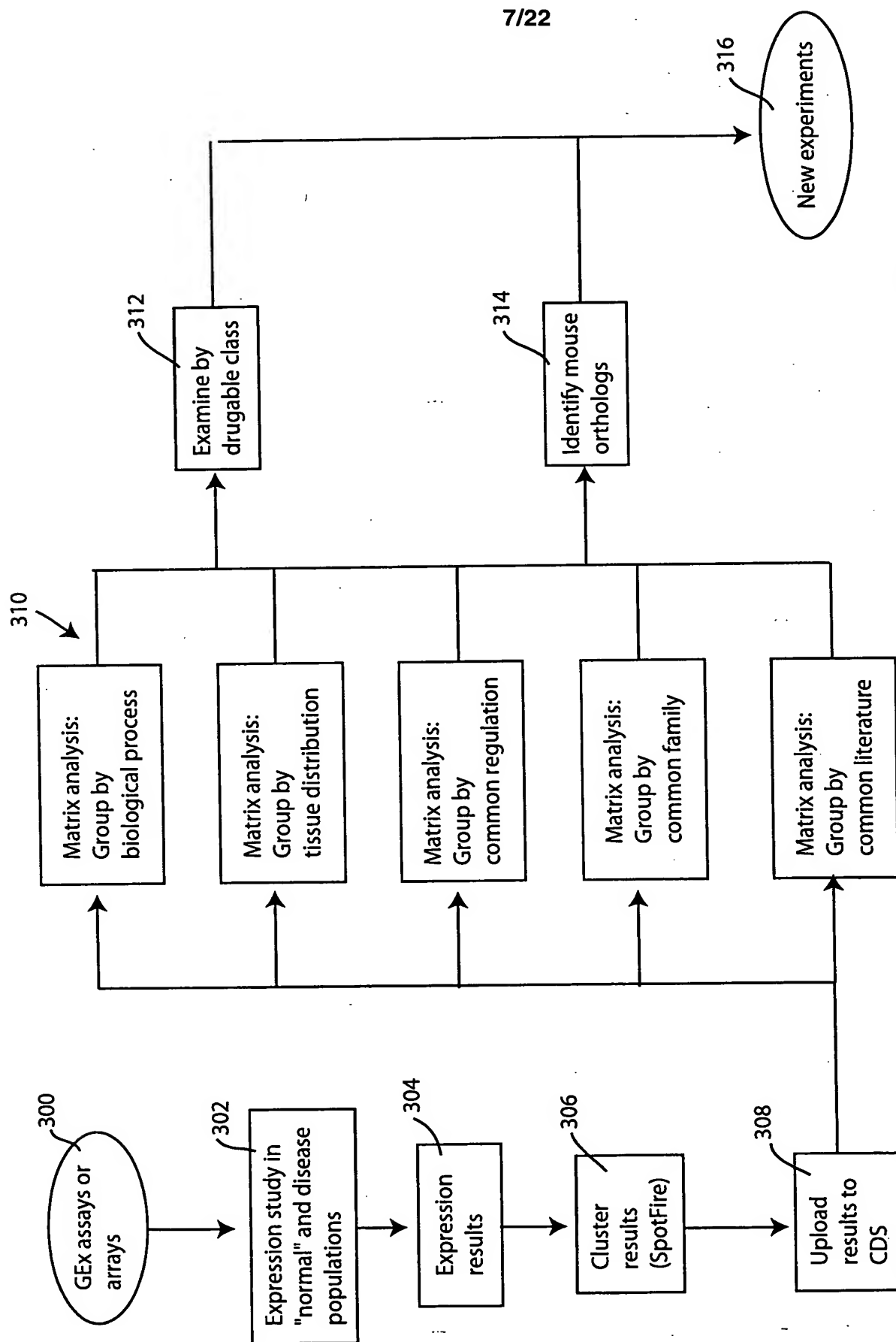


Fig. 7B

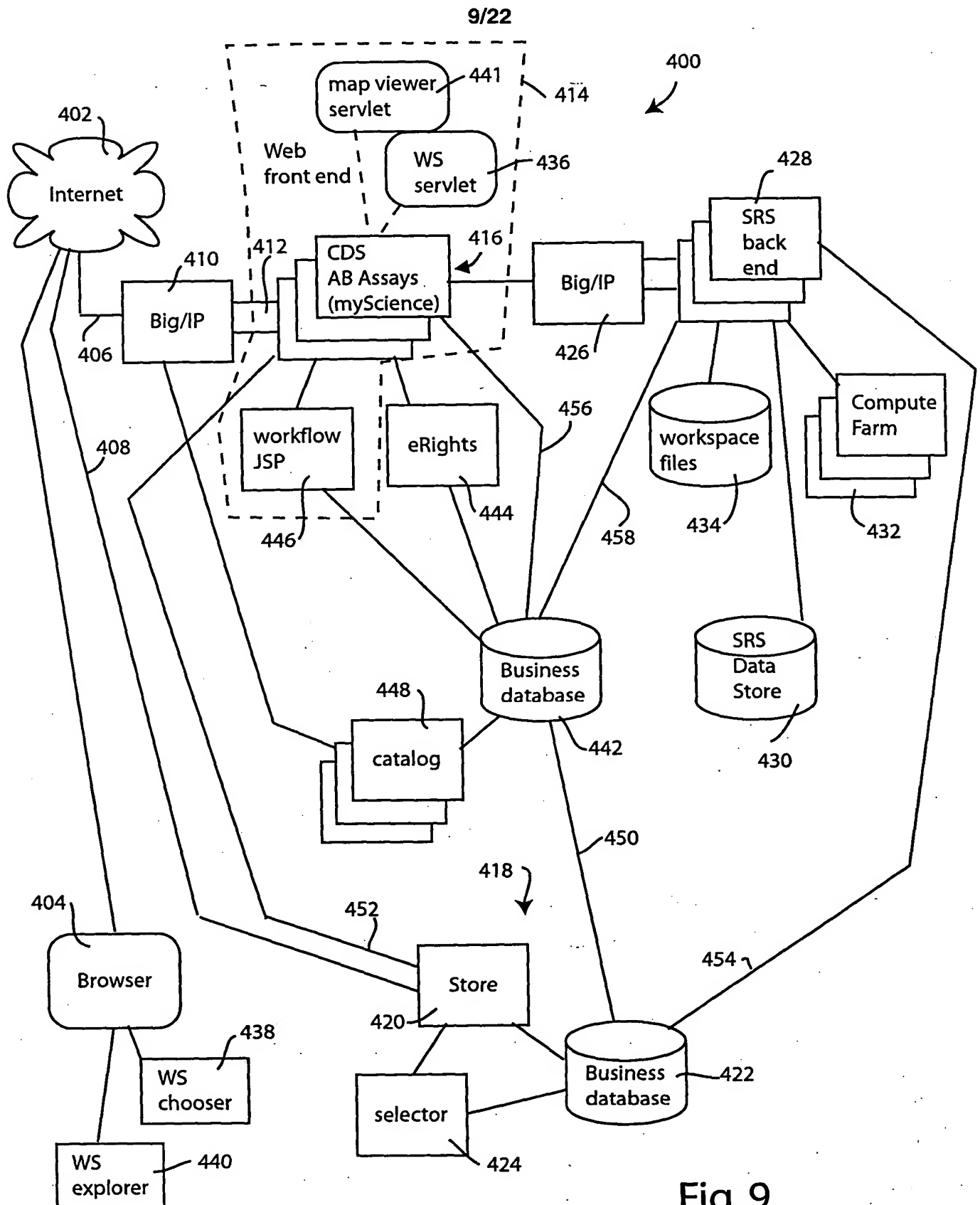


Fig. 9

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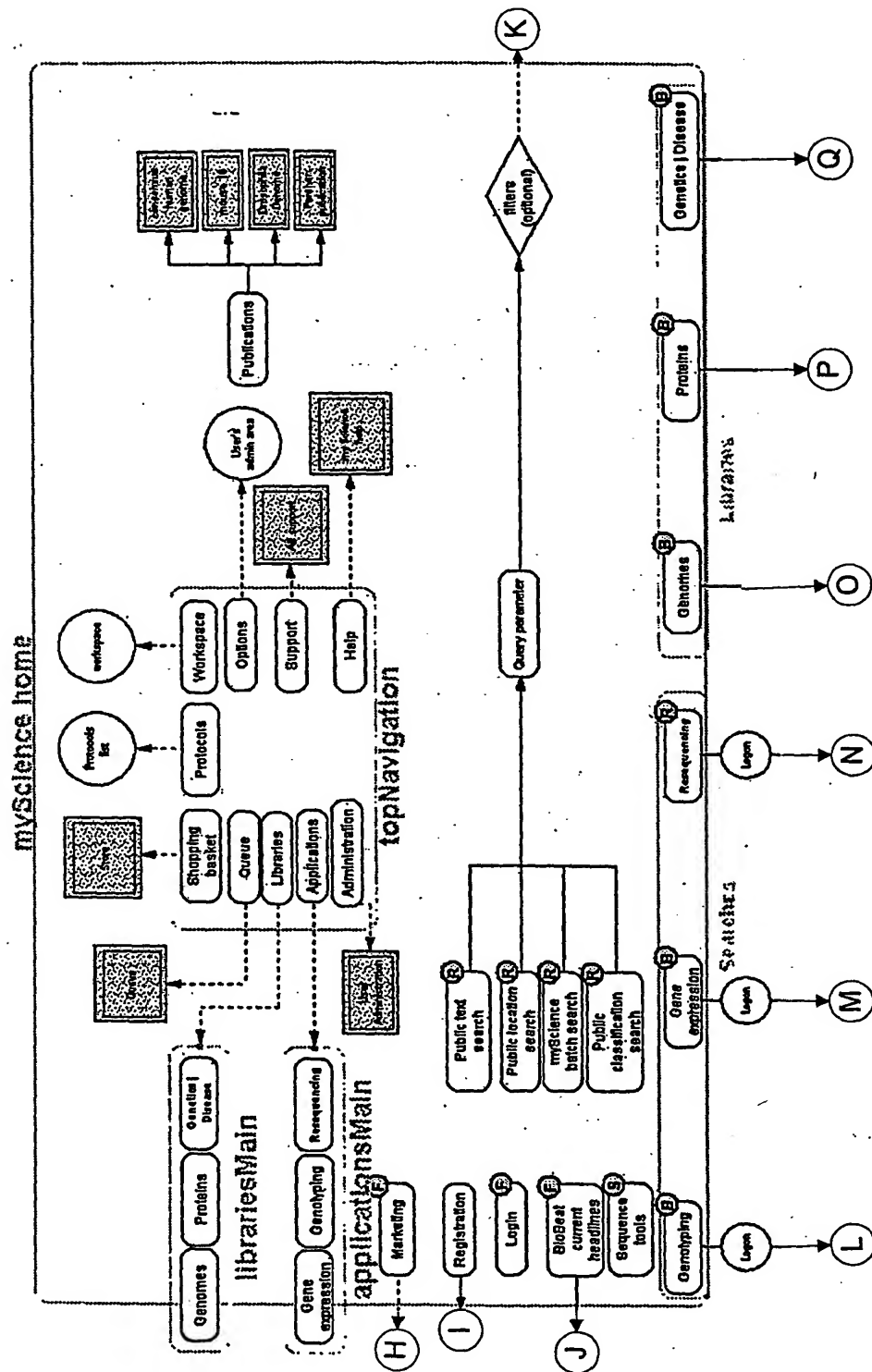
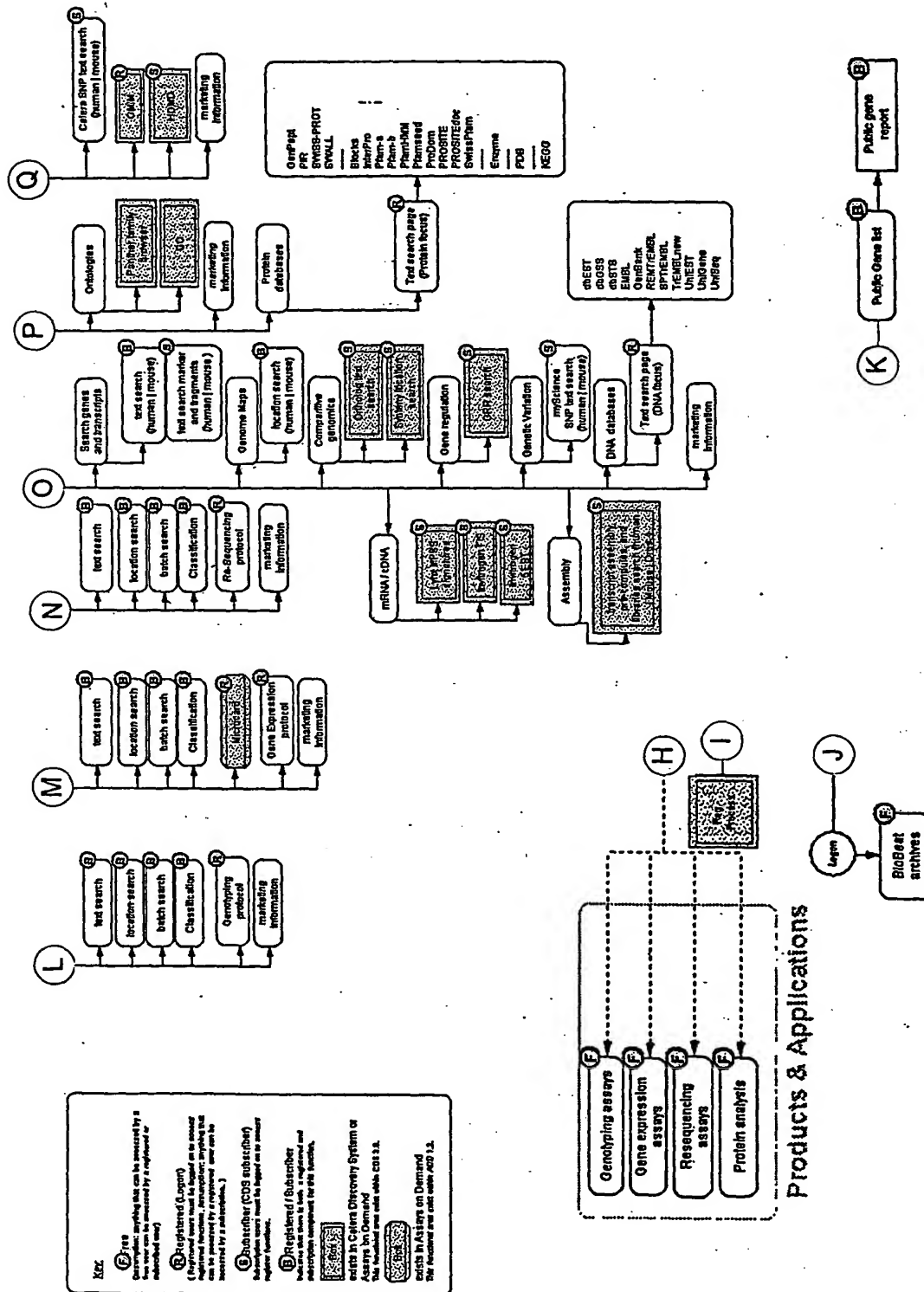


Fig. 10A

Fig. 10B



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Fig. 11

The screenshot displays the Applied Biosystems myScience website. At the top, a navigation bar includes links for 'ABOUT US', 'INVESTORS', and 'CONTACT US'. Below this, a secondary menu features 'Home', 'Products & Services', 'myScience', and 'Support'. A shopping basket icon is also present. The main content area is divided into several sections:

- genomic products** (500): A section titled 'SELECT REAGENTS FOR EXPERIMENTS' with links to 'Gene Expression', 'Search Assays-on-Demand™ Gene Expression Products', and 'Create Micro Fluidic Cards'.
- gene search** (502): A section titled 'SEARCH LOCUSLINK GENES AND VIEW GENOMIC REAGENTS' featuring a 'Keyword Query' form with fields for 'search by' (set to 'All Text'), 'enter terms', and 'choose species' (with checkboxes for 'H. sapiens' and 'R. Norvegicus'). It also includes a 'use wildcard' checkbox and a 'search' button.
- biobeat** (506): A section titled 'ONLINE MAGAZINE'.
- libraries** (504): A section titled 'DATA COLLECTIONS' with a 'Libraries' link.

At the bottom right, there is a 'CELERA DISCOVERY SYSTEM' logo (508) with the tagline 'Tools for the life science researcher.' and a quote: 'Don't have the full subscription to the Celera Discovery System yet? Here is what you are missing: Celera Discovery System'. A small image of a person's face is also visible in the bottom right corner.

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AB Applied Biosystems

myScience
research environment

main | libraries | applications | tools | workspace

gene expression
BUILDING YOUR QUERY

Keyword Query
search by:
enter terms: ☒ use wildcard

Batch ID **Location** **Classification**

choose species: ☒ H. sapiens ☐ M. musculus

search

Options
choose set membership: ☒ All Assays
☐ ABI ITN
☐ MGC
☐ ABI Control
☐ Celera Unique

Fig. 12

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Fig. 13

Applied Biosystems

myScience
research environment

HomeProducts & ServicesmySciencesupport

ABOUT US | INVESTORS | CONTACT US

Shopping Basket | Logout Store | My Profile

main | libraries | applications | tools | workspace

options | help | logout

Gene Expression
Assays-on-Demand™ products

Keyword Search : Results
Query: 'brca1' (filters: Homo_sapiens, All Assays)

To order, check one or many assays and then click add to Shopping Basket.
Display: 100 [Update] Export Results Send To Workspace Get Gene List for Selected Assays

Hits 1-6 of 6 [Page (1)]

on page

123456

Assay ID	Public ID Refseq genbank mRNA	Gene Name	A Gene Symbol	Function	Process	Celera ID (subscription required)	Location (cytoband)
1. Hs00184962.m1	5 transcripts 4 genbank mRNA Ids	BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase)	BAP1	Cysteine-type protease	Proteolysis	hCG40341 • 2 transcripts	3p21.31-p21.2,
2. Hs00184422.m1	2 transcriptsU76638	BRCA1 associated RING domain 1	BAR1	Molecular function unclassified	Biological process unclassified	hCG14827 • hCT5848	2q34-q35,

[Shopping Basket]

add to My Basket []

create a microcard | create a new basket

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Fig. 14

[Home](#) | [Products & Services](#) | [myScience](#) | [Support](#)

[ABOUT US](#) | [INVESTORS](#) | [CONTACT US](#)

[main](#) | [libraries](#) | [applications](#) | [tools](#) | [workspace](#)

[Shopping Basket](#) | [Logout Store](#) | [My Profile](#)

[options](#) | [help](#) | [logout](#)

myScience

research environment

Gene Expression

Assays-on-Demand™ Products

Keyword Search > Results : Assay Details

([Shopping Basket](#) | [Email Support](#) | [Phone Support](#) | [Help](#))

[add to](#) | [Select basket or microcard ->](#)

[create a microcard](#) | [create a new basket](#)

Assay ID : Hs00184962_m1 [map view](#) 512

Assay Alias : -

Assay Information

LocusLink Gene Name : BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase)
 symbol : BAP1

Celera Gene ID -

Organism : *Homo sapiens*

Set Membership : MSC

Gene Location : 3p21.31-
p21.2

Interrogated Sequence -

RefSeq	Translated Protein	Exon Boundary	Assay Location
NM_004656	NP_004647	Exon 3 Exon 4	243

GenBank mRNA	Exon Boundary	Assay Location	IMAGE Clone ID
D88812	Exon 3 Exon 4	128	-
BC001596	Exon 3 Exon 4	243	3543914
D87462	Exon 3 Exon 4	252	-
AF045581	Exon 3 Exon 4	167	-

Celera	Translated Protein
hCI2283633	hCP1803095
hCI131597	hCP51928

Fig. 15

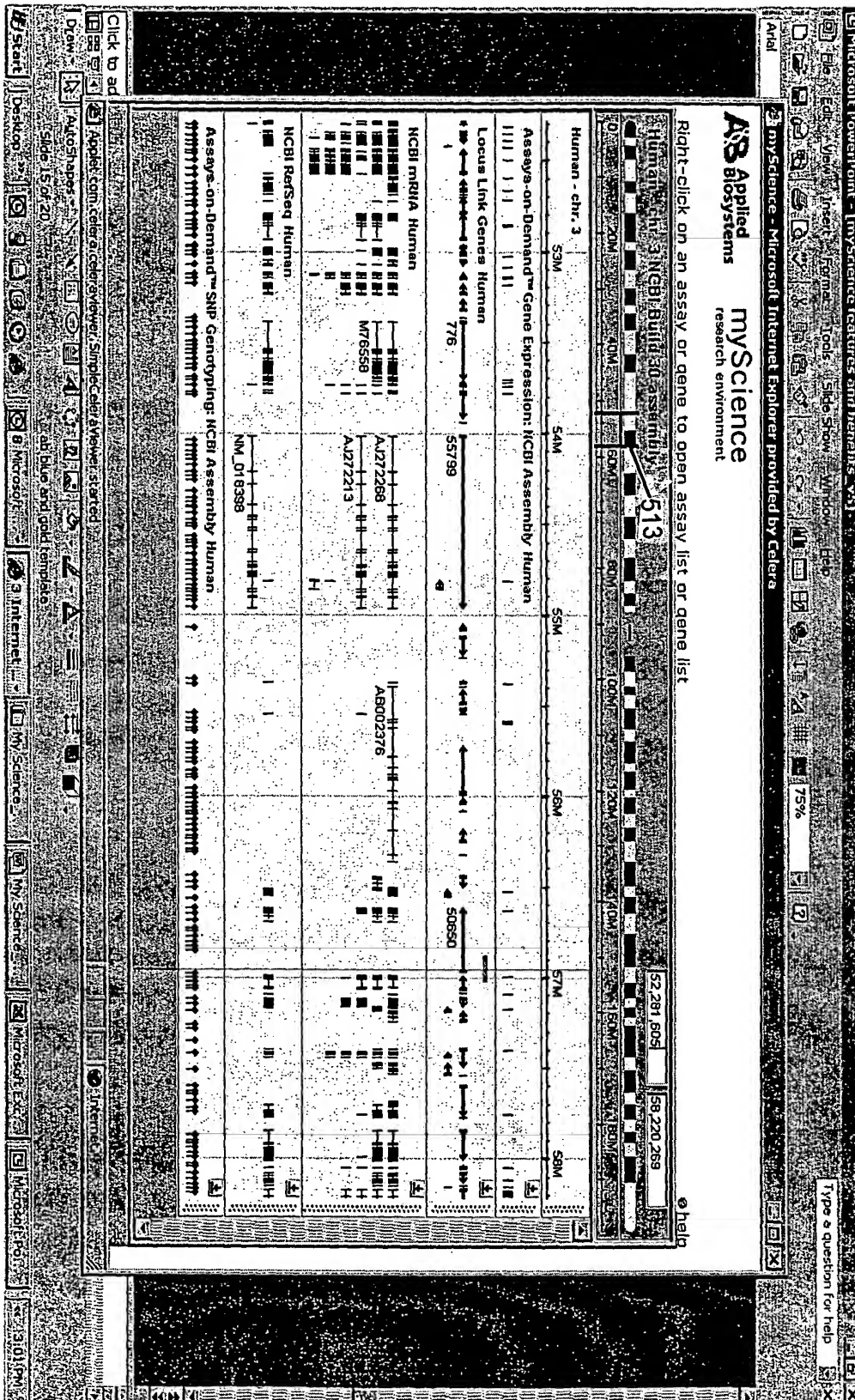


Fig. 16

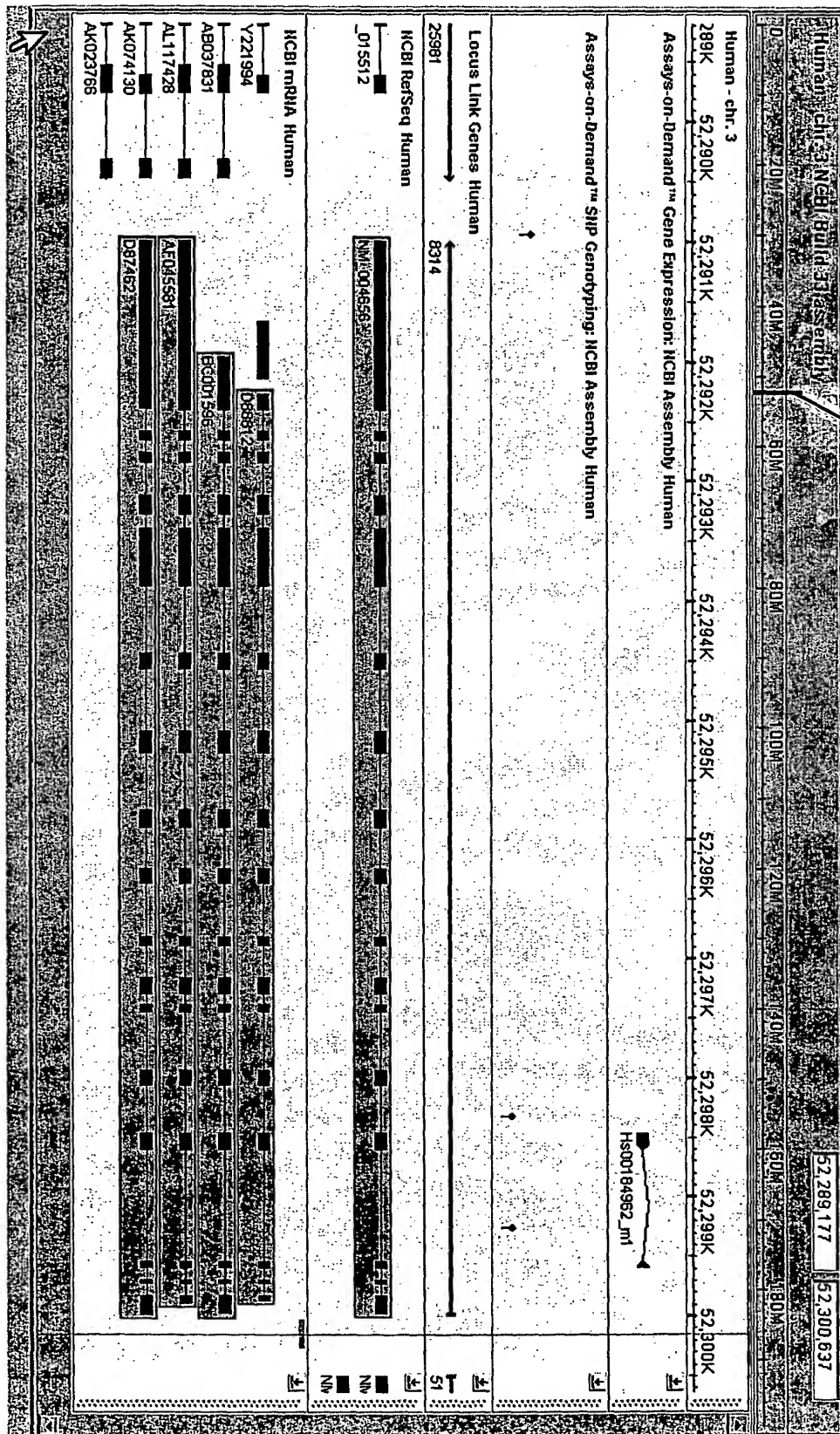



Fig. 18

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Fig. 19



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[main](#) | [libraries](#) | [applications](#) | [tools](#) | [workspace](#)

[options](#)
[help](#)
[logout](#)

Gene Expression Assays-on-Demand™ Products

Keyword Search : Results
 Query: 'brca1*' (filters: Homo_sapiens, All Assays)

Display: create a microcard | create a new basket

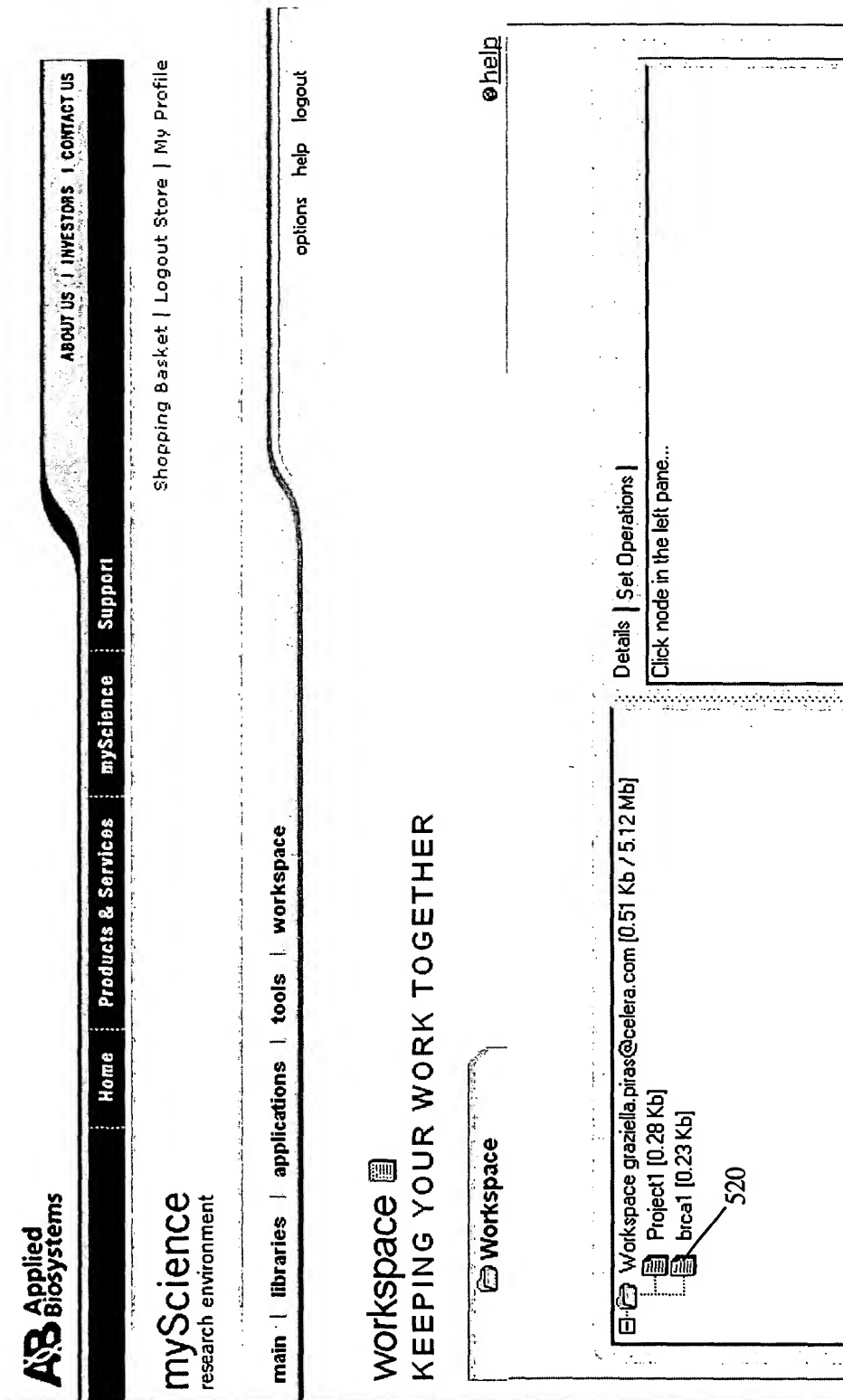
Hits 1-6 of 6 [page: (1)]

To order, check one or many assays and then click add to Shopping Basket.

on page	Assay ID	Public ID	Gene Name	Δ Gene Symbol	Function	Process	Celera ID (subscription required)	Location (cytoband)
<input type="checkbox"/> 1.	Hs00184962_m1	5 transcripts 4 genbank mRNA Ids	BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase)	BAP1	Cysteine-type protease	Proteolysis	hCG40341 • 2 transcripts	3p21.31-p21.2,
<input type="checkbox"/> 2.	Hs00184427_m1	2 transcriptsU76638	BRCA1 associated RING domain 1	BARD1	Molecular function unclassified	Biological process unclassified	hCG14827 • hCT5848	2q34-q35,

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Fig. 20



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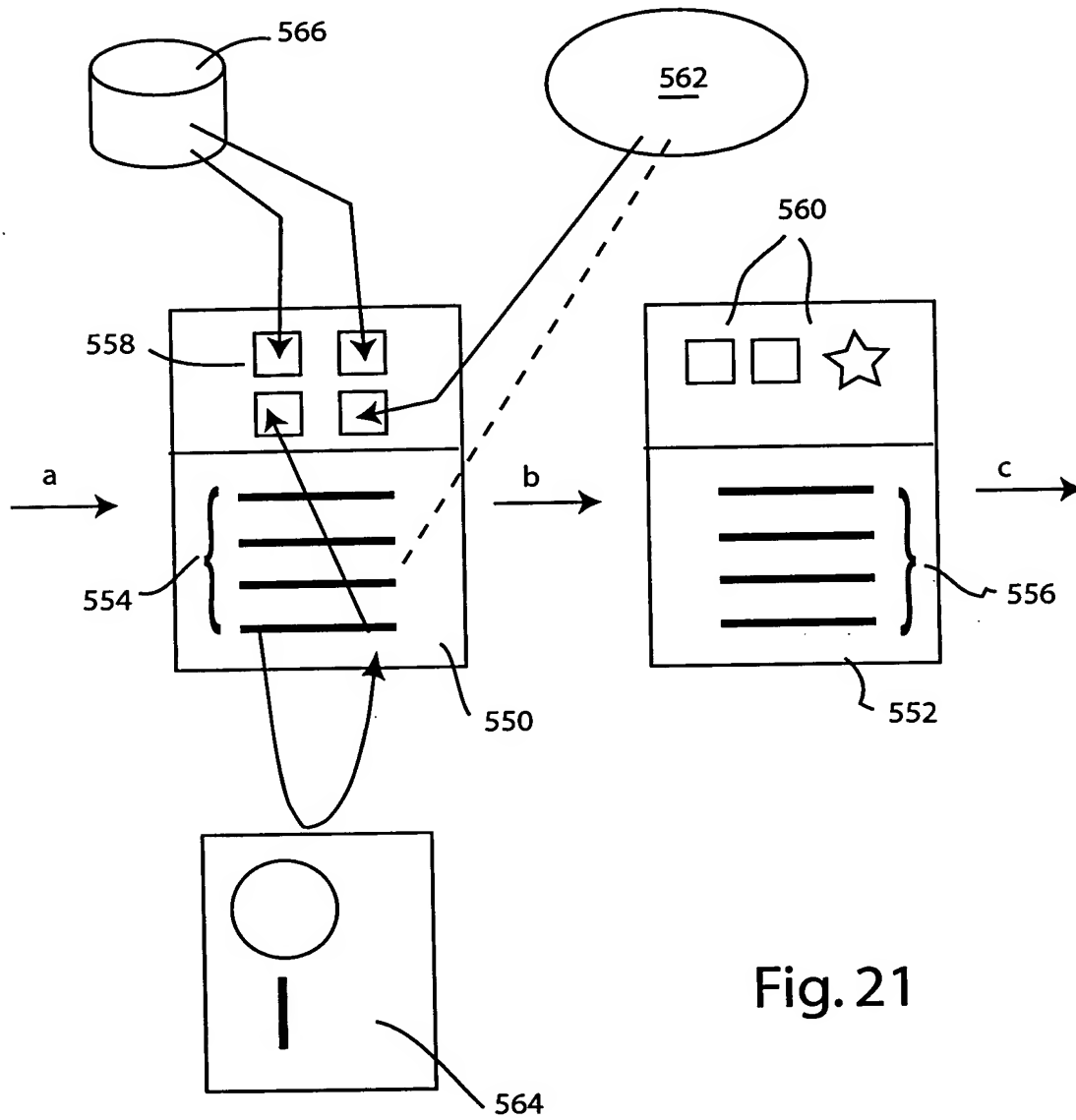


Fig. 21